

Please type a plus sign (+) inside this box

PTO/SB/05 (2/98)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No.	06192.0160.NPUS00
First Named Inventor or Application Identifier	Kung-Ha MOON
Title	Control Signal Part And Liquid Crystal Display Including The Control Signal
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patent
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 41]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 11]
4. Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 [] Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) [] Statement filed in prior application, Status still proper and desired
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22930 or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	Michael J. Bell				
	HOWREY SIMON ARNOLD & WHITE, LLP				
ADDRESS	Box No. 34				
	1299 Pennsylvania Avenue, N.W.				
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	Michael J. Bell	Registration No. (Attorney/Agent)	39,604		
Signature				Date	August 29, 2001

HOWREY
SIMON
ARNOLD
& WHITE

HOWREY
ATTORNEYS AT LAW

1299 PENNSYLVANIA AVE., NW
WASHINGTON, DC 20004-2402
PHONE 202.783.0800
FAX 202.383.6610
A LIMITED LIABILITY PARTNERSHIP

August 29, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **CONTROL SIGNAL PART AND LIQUID CRYSTAL DISPLAY
INCLUDING THE CONTROL SIGNAL**
Inventors: **Kung-Ha MOON, et al.**
Our Ref: **06192.0160.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**CONTROL SIGNAL PART AND LIQUID CRYSTAL
DISPLAY INCLUDING THE CONTROL SIGNAL**

and naming as inventors: **Kung-Ha MOON
Soo-Kyung YOU
Je-Whan WHANG
Young-Ik KIM
Sun-A PARK
Seo-Young KIM**

the application consisting of:

- a. A specification containing:
 - (i) **34** pages of description prior to the claims;
 - (ii) **6** pages of claims (**37** claims);
 - (iii) a **one** (1) page abstract;

b. **11** sheets of drawings: (**Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13**
and 14);

4. Executed Combined Declaration-Power Attorney;
5. Executed Assignment and PTO 1595 Assignment Recordation Sheet

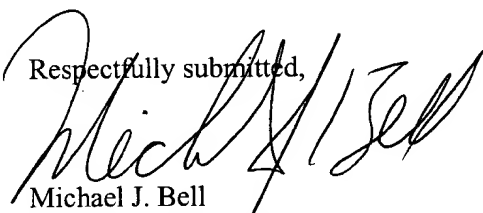
5. Claim for Priority and certified copy of Korean Patent No. 2000-50548 filed August 29, 2000;
6. Check No. 001258 in the amount of \$1,016.00 and Check No. 001149 in the amount of \$40.00 to cover the following:

\$710.00	Basic Application Filing
\$306.00	Extra claims Fees
\$ 40.00	Assignment Recordation Fee
7. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0160.NPUS00. *A copy of this letter is enclosed.*

Respectfully submitted,


Michael J. Bell
Registration No. 39,604

Enclosures

06192.0160.NPUS00

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, NW
Washington, DC 20004-2402
(202) 783-0800

Attorney Docket No. 06192.0160.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Kung-Ha MOON, et al.**

For: **CONTROL SIGNAL PART AND LIQUID CRYSTAL DISPLAY INCLUDING THE CONTROL SIGNAL**

Enclosed is a new application comprising:

- ☒ A specification containing: 34 pages of description prior to the claims; 6 pages of claims (37 claims); a one (1) page abstract; 11 sheets of drawings (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14)
- ☒ PTO SB/05

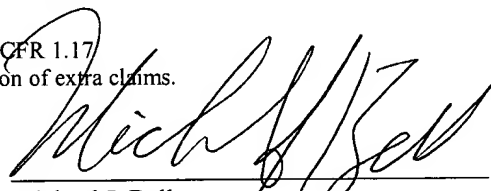
The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE			RATE	FEE
BASIC FEE				\$ 345.00	OR		\$ 710.00
TOTAL CLAIMS	37-20 =	* 17	x 9 =		OR	x 18 =	306.00
INDEP. CLAIMS	2-3 =	* 0	x 39 =		OR	x 80 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OR	+ 270 =	
			TOTAL		OR	TOTAL	\$1,016.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

- ☒ A check in the amount of **\$1,016.00** to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0160.NPUS00. *A copy of this sheet is enclosed.*
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date August 29, 2001


 Michael J. Bell
 Registration No. 39,604

006220" 62406601